1.224 Recitation #5

Transit crew scheduling

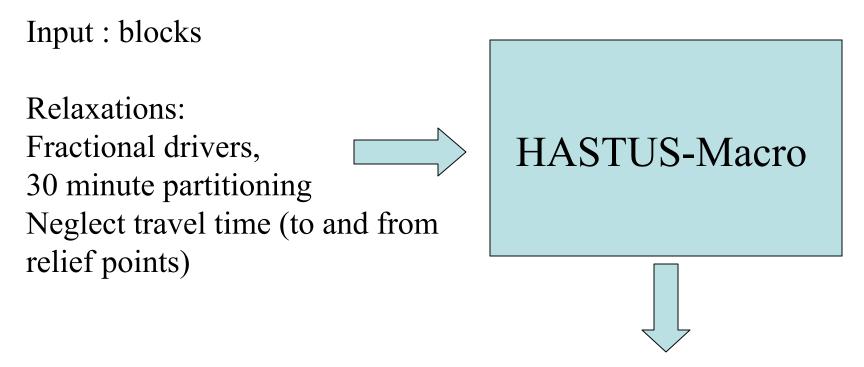
Agenda

- HASTUS
- Set partitioning
- Column generation
- Athena @#\$@\$

HASTUS

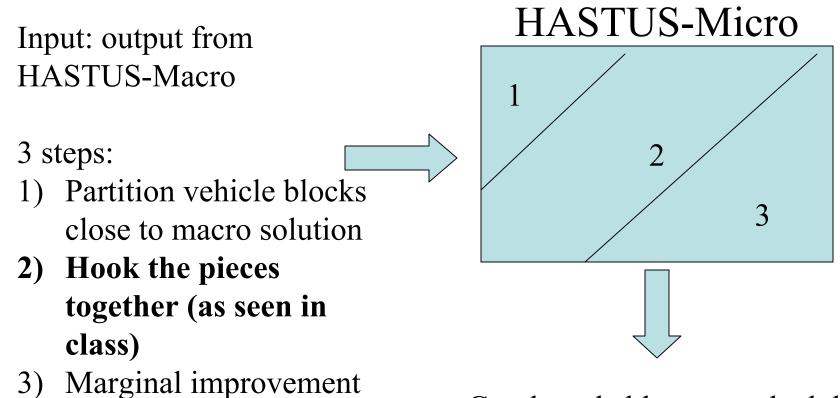
- Decomposition
 - HASTUS-BUS
 - HASTUS-MACRO
 - HASTUS-MICRO

HASTUS-Macro



List of pieces that provide Cheap way of covering blocks

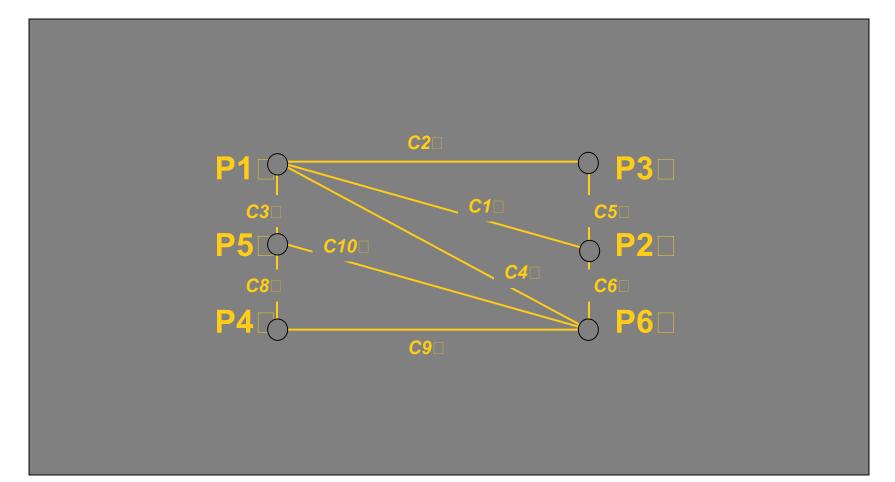
HASTUS-Micro



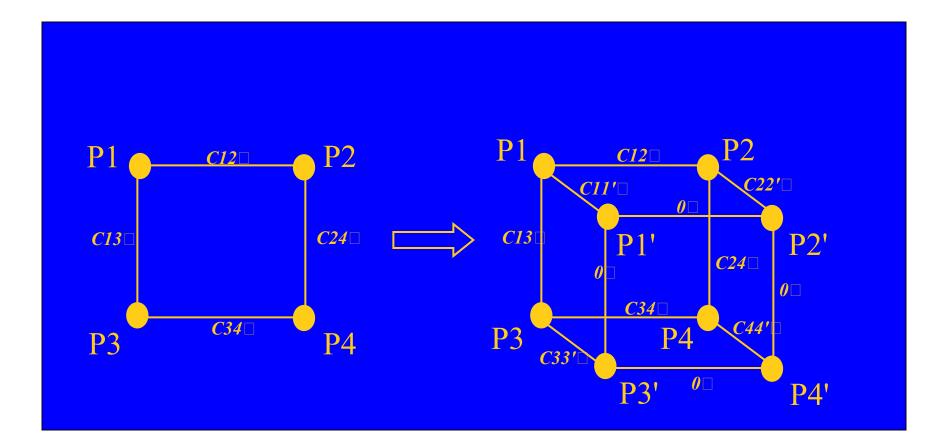
phase

Good workable crew schedule

Micro, step 2 Pieces are nodes...



Adding tripper runs



Compare HASTUS to HW

Where does **column generation** fit in? What is **column generation**???

ATHENA @#@#%*

- Source .path file
- Cutting and pasting into emacs
- Use loqo if it takes too long
- IF and AND finally get to be used in EXCEL!